Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084494.D
Acq On : 15 Jan 2016 16:45
Operator : SJ/UM
Sample : PB87838BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87838BS

Quant Time: Jan 16 02:31:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	274063	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1160545	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	539293	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	939707	20.00	ng		0.01
75) Chrysene-d12	13.99	240	591798	20.00	ng		0.00
86) Perylene-d12	15.40	264	570348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1889489	111.51	ng		0.01
7) Phenol-d6	6.48	99	2670338	125.48	ng		0.01
23) Nitrobenzene-d5	7.39	82	1565574	75.08	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	584071	107.27	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2774573	90.95	ng		0.00
78) Terphenyl-d14	12.93	244	2304121	86.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	291164	36.28	ng	#	78
3) Pyridine	3.18	79	789274	35.27	ng	#	79
4) n-Nitrosodimethylamine	3.14	42	412964	35.95	ng		93
6) Aniline	6.49	93	241394	7.75	ng	#	1
8) 2-Chlorophenol	6.61	128	834944	43.43	ng		96
9) Benzaldehyde	6.36	77	117343	8.47	ng		95
10) Phenol	6.49	94	1075000	44.43	ng		85
11) bis(2-Chloroethyl)ether	6.57	93	828902	44.22	ng		93
12) 1,3-Dichlorobenzene	6.76	146	817096m	41.20	ng		
13) 1,4-Dichlorobenzene	6.84	146	858493	43.17	ng		94
14) 1,2-Dichlorobenzene	6.99	146	715362	37.56	ng		95
15) Benzyl Alcohol	6.97	79	620409	34.66	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1271942	37.27	ng		88
17) 2-Methylphenol	7.09	107	702734	43.62	ng		96
18) Hexachloroethane	7.33	117	317321	39.90	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	524086	36.38	ng	#	74
20) 3+4-Methylphenols	7.24	107	808520	42.69	ng	#	59
22) Acetophenone	7.24	105	1099899	39.41	ng	#	93
24) Nitrobenzene	7.41	77	920839	43.54	ng		94
25) Isophorone	7.65	82	1590674	39.89	ng		97
26) 2-Nitrophenol	7.72	139	437028	45.40	ng	#	78
27) 2,4-Dimethylphenol	7.78	122	766291	39.33	ng		87
28) bis(2-Chloroethoxy)methane	7.87	93	983966	40.39	ng	#	96
29) 2,4-Dichlorophenol	7.97	162	667793	41.15	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	705483	42.11	ng	#	96
31) Naphthalene	8.13	128	2188166	41.56	ng		98
32) Benzoic acid	7.90	122	453997	37.75	ng		97
33) 4-Chloroaniline	8.18	127	108110	4.48	ng		96
34) Hexachlorobutadiene	8.25	225	373408	38.77	ng		98
35) Caprolactam	8.56	113	228175m	41.71	ng		
36) 4-Chloro-3-methylphenol	8.68	107	756081	41.59	ng		98
37) 2-Methylnaphthalene	8.83	142	1553910	41.11	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	591781	38.17	ng		98
40) Hexachlorocyclopentadiene	8.98	237	578206	61.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	442533	38.15	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	449976	40.47	ng	#	91
45) 1,1'-Biphenyl	9.29	154	1666937	38.89	ng		98
46) 2-Chloronaphthalene	9.31	162	1296528	38.51	ng		96
47) 2-Nitroaniline	9.41	65	453842	40.84	ng		95
48) Acenaphthylene	9.73	152	2151297	43.25	ng		98
49) Dimethylphthalate	9.60	163	1518856	39.40	ng	#	89
50) 2,6-Dinitrotoluene	9.65	165	341948	40.44	ng	#	50
51) Acenaphthene	9.90	154	1598144	47.90	ng		96
52) 3-Nitroaniline	9.82	138	84399	8.05	ng	#	78
53) 2,4-Dinitrophenol	9.94	184	406215	111.32	ng	#	72
54) Dibenzofuran	10.08	168	1841894	42.46	ng		94
55) 4-Nitrophenol	10.01	139	675373	88.80	ng		88
56) 2,4-Dinitrotoluene	10.06	165	532675	49.77	ng		89
57) Fluorene	10.42	166	1469087	43.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	377325	39.75	ng		87
59) Diethylphthalate	10.29	149	1577273	41.49	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	607036	42.64	ng		95
61) 4-Nitroaniline	10.44	138	355875	38.10	ng		88
62) Azobenzene	10.57	77	1621445	38.89	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	249373	43.53	ng	#	66
65) n-Nitrosodiphenylamine	10.53	169	1325287	44.11	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	439924	43.49	ng	#	87
67) Hexachlorobenzene	10.97	284	474730	41.70	ng	#	86
68) Atrazine	11.06	200	353371	35.94	ng		98
69) Pentachlorophenol	11.16	266	463424	78.51	ng		98
70) Phenanthrene	11.38	178	2199123	44.74	ng		95
71) Anthracene	11.42	178	1916923	39.78	ng		97
72) Carbazole	11.58	167	1824884	38.74	ng		98
73) Di-n-butylphthalate	11.92	149	2245631	44.80	ng	#	96
74) Fluoranthene	12.57	202	2118650	41.26	ng		94
76) Benzidine	12.68	184	254327	11.99	ng		96
77) Pyrene	12.79	202	2027163	43.65	ng		98
79) Butylbenzylphthalate	13.41	149	925807	46.07	ng		91
80) Benzo(a)anthracene	13.97	228	1471385	42.34	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	263574	21.73	ng	#	95
82) Chrysene	14.02	228	1496110	44.81	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	1103383	43.46	ng		98
84) Di-n-octyl phthalate	14.59	149	1961076	45.75	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1523682	57.57	ng		98
87) Benzo(b)fluoranthene	15.00	252	1439077	38.57	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	1352997m	44.34	ng		
89) Benzo(a)pyrene	15.35	252	1377208	43.52	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	1283845	47.15	ng		97
91) Benzo(g,h,i)perylene	17.21	276	1289792	45.74	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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